

Engine

Model	280	280 C	280 S	
Chassis Type	114.060	114.073	116.020	
Engine Type	110.921/922			
Year	1976	1975	1974	1973
Operation	Four stroke, gasoline engine with carburetor			
Number of cylinders	6			
Arrangement of cylinders	upright in line			
Bore/stroke	mm(ins.) 86/78 (3.39/3.10)			
Total eff. piston displacement	cm ³ (cu. ins.) 2746 (167.6)			
Compression ratio	9 : 1	8 : 1	9 : 1	8 : 1
Firing order	1-5-3-6-2-4			
Max. engine rpm	6500			
Engine output	SAE net bhp/rpm	160/5500	145/5500	160/5500 130/5000
Max. torque	SAE net ft. lb/rpm	165/4000	154/4000	165/4000 150/3500
Crankshaft bearings	7			
Valve arrangement	overhead			
Camshaft arrangement	DOHC			
Oil cooling	None			
Cooling	Water circulation pump, thermostat with by-pass line, finned tube radiator, fan with viscous coupling			
Lubrication	Forced oil circulation via gear-type oil pump			
Oil filter	Full-flow filter			
Air filter	Air filter with paper cartridge			

00 Technical data

Filling Capacities

Model			280	280 C	280 S
Chassis Type			114.060	114.073	116.020
Engine Type			110.921/922		
Year			1976	1975	1974 1973
Engine	Initial filling	Engine oil approx. ltr. (US qt)	7 (7.4)		
	Oil and filter change	Engine oil approx. ltr. (US qt)	6.5 (6.9)		
	Oil pan up to max. marking on oil dipstick	Engine oil max. ltr. (US qt)	6 (6.3)		
	Oil filter	Engine oil approx. ltr. (US qt)	0.6 (0.62)		
Cooling system with heater		Coolant approx. ltr. (US qt)	11 (11.6)	10.5 (11) *	11 (11.6)
Water pump			maintenance free		
Brake system		Brake fluid approx. ltr. (US qt)	0.5 (0.53)		
Autom. Trans- mission	Initial filling/ fluid change	Autom. transmission fluid (ATF) approx. ltr. (US qt)	6.6/5.3 (7.0/5.6)		
Power steering		Autom transmission fluid (ATF) approx. ltr. (US qt)	1.4 (1.5)		

*110.922 (280 S) = 11 ltr./11.6 qt

Engine

Model	280 E 280 CE 280 SE			
Chassis Type	123.033	123.053	116.024	
Engine Type	110.984/985			
Year	1980/1981	1979	1978	1977
Operation	Four stroke, gasoline engine, mechanical (CIS) fuel injection with airflow sensor			
Number of cylinders	6			
Arrangement of cylinders	upright in line			
Bore/stroke	mm (ins.) 86/78 (3.39/3.10)			
Total eff. piston displacement	cm ³ (cu. ins.) 2746 (167.6)			
Compression ratio	8 ± 0.4 : 1		8 : 1	
Firing order	1-5-3-6-2-4			
Max. engine rpm	6400		6500	
Engine output	SAE net bhp/rpm	140/5500	142/5750 ¹) 137/5750 ²)	
Max. torque	SAE net ft. lb/rpm	145/4500	149/4600 ¹) 142/4600 ²)	
Crankshaft bearings	7			
Valve arrangement	overhead			
Camshaft arrangement	DOHC			
Oil cooling	None			
Cooling	Water circulation pump, thermostat with by-pass line, finned tube radiator, fan with viscous coupling			
Lubrication	Forced oil circulation via gear-type oil pump			
Oil filter	Full-flow filter			
Air filter	Air filter with paper cartridge			

¹) Federal

²) California

00 Technical data

Filling Capacities

Model			280 E	280 CE	280 SE	
Chassis Type			123.033	123.053	116.024	
Engine Type			110.984/985			
Year			1980/1981	1979	1978	1977
Engine	Initial filling	Engine oil approx. ltr. (US qt)	6.5 (6.9)	7 (7.4)		
	Oil and filter change	Engine oil approx. ltr. (US qt)	6 (6.3)	6.5 (6.9)		
	Oil pan up to max. marking on oil dipstick	Engine oil max. ltr. (US qt)	5.4 (5.7)	6 (6.3)		
	Oil filter	Engine oil approx. ltr. (US qt)	0.6 (0.62)			
Cooling system with heater		Coolant approx. ltr. (US qt)	10 (10.6) *			
Water pump			maintenance free			
Brake system		Brake fluid approx. ltr. (US qt)	0.5 (0.53)			
Autom. Trans- mission	Initial filling/ fluid change	Autom. transmission fluid (ATF) approx. ltr. (US qt)	6.6/5.3 (7.0/5.6)			
Power steering		Autom transmission fluid (ATF) approx. ltr. (US qt)	1.4 (1.5)			

*110.985 (280 SE) = 11 ltr./11.6 qt